PTO-1449				Application No.	Applicant(s)			
	Info	rmation Disclos	ure Citatio	Unknown  Docket Number	May, et al		ıte .	
		in an Applica						
		_		064814.0146	Unknown	7/5/01	·	
L			· · · · · · · · · · · · · · · · · · ·	U.S. PATENT DOCUMENTS				
		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILIN	G DATE
TP	Α	4412292	10/25/83	Sedam et al.	364	479		
	В	4454670	6/19/84	Bachmann et al.	40	584	12	/4/81
	С	4677565	6/30/87	Ogaki et al.	364	479	2/	11/86
	D	4766548	8/23/88	Cedrone et al.	364	479	1,	2/87
	E	4850009	7/18/89	Zook et al.	379	96	5/3	31/88
	F	4954697	9/4/90	Kokubun et al.	235	381	4.	6/89
	G	5077582	12/31/91	Kravette et al.	355	206	4/	20/89
	Ι	5090589	2/25/92	Brandes et al.	221	2	2/	20/87
	_	5091713	02/25/92	Home et al.	340	541		
	J	5117407	5/26/92	Vogel	369	30	8/	24/89
	к	5184179	2/2/93	Tarr et al.	355	206	7/	31/91
	L	5207784	05/04/93	Schwartzendruber	221	6		
	М	5239480	8/24/93	Huegel	364	479	2/	12/91
TP	N	5337253	08/09/94	Berkovsky et al.	364	479	09	/24/93
				FOREIGN PATENT DOCUMEN	тѕ			
		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	YES	SLATION NO
TP	0	WO 95/04333	02/09/95	PCT	G07F 9	02	x	
1	Р	WO 95/05609	02/23/95	PCT	G01R 27	14	x	
П	Q	0 817 138 A1	01/07/98	EP	G07F 9	00	x	
П	R	WO 00/04476	01/27/00	PCT	G06F	17/60	x	
	s	2 744 545	02/02/96	FR	G07F 11	32		х
$\Box$	Т	0 564 736 A1	10/13/93	EP	G07F	17/42	х	
TP	U	WO 00/04475	01/27/00	PCT	G06F	17/60	х	
				NON-PATENT DOCUMENTS	<u> </u>			
			DOCUMENT (In	cluding Author, Title, Source, and	Pertinent Pages)		E	ATE
TF	V	International Search Re	eport for PCT/US	S99/05983			Augus	st 13 1999
EX	AMINER				DATE CONSIDERI	ED 12/05/03		
		1 miles			}			
		: Initial if citation consider Include copy of this form w		t citation is in conformance with MPEP cation to the applicant.	§ 609. Draw line throug	h citation if not in co	nformance	and not

	D-1449	1		Application No.	Ap	plicant(s)					
		4: <b>5</b> : 1	014 - 41 -	Unknown	M	ay, et al.					
	Into	mation Disclos		Docket Number		Group Art Unit Filing Date			te		
		in an Applica	ation 	064814.0146		Unknown 7/5/01					
				U.S. PATENT DOCUMENTS							
		DOCUMENT NO.	DATE	NAME	С	LASS	SUB	CLASS	FILIN	G DATE	
FP	Α	5339250	08/16/94	Durbin		364	4	79			
Ш	В	5371348	12/6/94	Kumar et al.		235	4	72	10	16/92	
	С	5386360	1/31/95	Wilson et al.	ļ	364	1	46	4.	1/92	
	D	5400246	3/21/95	Wilson et al.		364	1	46	8.	5/92	
	E	5445295	8/29/95	Brown		221		3	1/	17/92	
	F	5561604	10/1/96	Buckley et al.		364	47	9.05	10.	/22/90	
П	G	5608643	3/4/97	Wichter et al.		364	47	9.14	9.	/1/94	
П	н	5708223	1/13/98	Wyss		73	80	865.9		25/96	
П	1	5787149	7/28/98	Yousefi et al.		379		59	11.	/16/95	
П	J	5794144	8/11/98	Comer et al.		455	4	126	3/	25/96	
	К	5805997	9/1998	Farris							
	L	5818603	10/6/98	Motoyama		358	2	296	10	)/6/98	
П	М	5822216	10/13/98	Satchell, Jr. et al.	İ	364	47	9.01	09	18/96	
П	N	5842597	12/1/98	Kraus et al.		221	_1:	150 R		12/10/96	
П	0	5844808	12/1/98	Konsmo et al.		364	479.14		3/30/95		
IP	Р	5850187	12/15/98	Carrender et al.		340	82	25.54	3/27/96		
				FOREIGN PATENT DOCUMEN	TS						
		DOCUMENT NO.	DATE	COUNTRY	С	LASS	SUB	CLASS	TRAN YES	SLATIO NO	
P	Q	9198172A2	7/31/97	JP (abstract translated)	(	306F	3	/00		X	
P	R	6296335A2	10/21/94	JP (abstract translated)		H02J	1:	3/00			
P	S	WO 89/07807	8/24/89	PCT	,	G07F	9	9/02	х		
				NON-PATENT DOCUMENTS	***************************************						
		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)							£	ATE	
IP	Т	U.S. Pending Patent A and Method* filed by E		o. 09/267,254 entitled "Remote Date	a Acquis	tion and Tran	smissior	System	Filed	3/12/99	
P	U	U.S. Pending Patent A	pplication Serila No	o. 09/862,891 entitled "System and filed by Erin M. Defossé	Apparati	us for the Rei	mote Mo	ntioring	Filed	5/22/01	
EXA	MINER			•	DATE	CONSIDERE	D 5/03	5			

U.S. Patent and Trademark Office

PT	O-1449	)	<del></del>	Application No.	Applicant(s)				
			<b>A</b> !4 4!	Unknown	May, et a	ı <b>l</b>			
	Info	rmation Disclos		Docket Number	Group Art	Unit Filing	Date		
		in an Applic		064814.0146	Unknow	n 7/5/	01		
				U.S. PATENT DOCUMENTS	5				
		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLAS	S FILIN	G DATE	
TP	Α	5860362	01/19/99	Smith.	101	494	194 03/1		
1	В	5862517	1/1999	Honey et al.			-		
	С	5867688	2/2/99	Simmon et al.	395	500	2/	14/94	
	D	5892758	4/1999	Argyoudis					
	E	5898904	4/27/99	Wang	455	31.3	10	/13/95	
	F	5905442	5/1999	Mosebrook et al.			-		
	G	5905882	5/1999	Sakagami et al.					
П	н	5907491	5/25/99	Canada et al.	364	468.15	4	/4/97	
	ı	5909183	6/1999	Borgstahl et al.	340	825.22			
	J	5918213	06/29/99	Bernard et al.	705	26	12	/22/95	
П	К	5930770	7/27/99	Edgar	705	28	1:	12/2/96	
	L	5930771	7/27/99	Stapp	705	28	12	/20/96	
	М	5943042	8/24/99	Siio	345	172	172 10/5		
	N	5949779	9/1999	Mostafa et al.					
	0	5956487	9/1999	Venkatraman et al.					
TP	Р	5959536	9/1999	Chambers et al.					
				FOREIGN PATENT DOCUME	NTS				
		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLAS	S TRAN	ISLATION NO	
TP	Q	WO 97/09667	3/13/97	PCT	G06F	1/00	х		
TP	R	WO 98/45779	10/15/98	PCT	G06F	11/00	X	<u></u>	
		-		NON-PATENT DOCUMENT	s				
			DOCUMENT (Inc	luding Author, Title, Source, an	d Pertinent Pages)			DATE	
┢┈	s			-					
	Т								
	U								
EX	AMINER	The	bonn		DATE CONSIDE	RED 12/05/03			
EX	AMINER	Initial if citation conside Include copy of this form v	red, whether or not o	citation is in conformance with MPEI ation to the applicant.	§ 609. Draw line throu	ugh citation if not i	n conformance	e and not	

PTO-1449			Application No.	Applicant(s)			
-			Unknown	May, et al.			
Inform	ation Disclos		n Docket Number	Group Art Un	it Filing Dat	e	
	in an Applica	ition	064814.0146	Unknown	7/5/01		
		<del>-</del>	U.S. PATENT DOCUMENTS				
	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
TP A	5982325	11/9/99	Thornton et al.	342	357.07	11/24/97	
) B	5991749	11/23/99	Morrill Jr.	705	44	9/9/97	
С	5997170	12/07/99	Brodbeck	364	479.06	11/03/97	
D	6003070	12/1999	Frantz				
Е	6005850	12/21/99	Moura et al.	370	282	8/21/96	
F	6012041	1/4/00	Brewer et al.	705	28	2/28/97	
G	6021324	2/2000	Sizer II, et al.				
н	6029143	2/22/00	Mosher et al.	705	28	6/6/97	
	6032202	2/2000	Lea et al.		<u> </u>		
J	6038491	3/14/00	McGarry et al.	700	231	11/26/97	
К	6052667	4/18/00	Walker et al.	705	15	9/21/98	
L	6052750	4/18/00	Lea	710	72	1/6/98	
м	6056194	5/2/00	Kolls	235	381	8/28/95	
N	6057758	5/2/00	Dempsey et al.	340	539	5/20/98	
0	6072521	6/6/00	Harrison et al.	348	12	1/6/98	
Р	6085888	7/11/00	Tedesco et al.	194	217	7/14/99	
Q	6119100	9/12/00	Walker et al.	705	20	10/6/97	
R	6161059	12/12/00	Tedesco et al.	700	232	9/14/98	
TP S	6230150	5/2001	Walker et al.				
			FOREIGN PATENT DOCUMENT	S			
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
TP T	WO 99/36751	7/22/99	PCT	G01G	9/00	X	
		<u> </u>	NON-PATENT DOCUMENTS	<u> </u>			
		DOCUMENT (In	cluding Author, Title, Source, and F	Pertinent Pages)		DATE	
U							
EXAMINER		10/		DATE CONSIDERED	) ,	1 -	
	Taph		<u>.</u>		12/05	103	
EXAMINER: In considered. Inch	itial if citation consider ude copy of this form w	ed, whether or no ith next communi	t citation is in conformance with MPEP § cation to the applicant.	609. Draw line through	citation if not in cor	nformance and not	

		1							
				Application No.	A	oplicant(s)		Р	age 1 of 1
ы	O-1449	9		09/899,527		ay et al.			,
.4	Info	rmation Disclos	ure Citation	Docket Number		Group Art Uni	it Filing Dat	е	
TI	E	in an Applica	ation	064814.0146		Unknown	06/05/0	1	
	6 2001	<u> </u>		U.S. PATENT DOCUMENTS	3				
<del>8</del> 7	<u>. u. 2001</u>	SOCUMENT NO.	DATE	NAME	C	LASS	SUBCLASS	FILIN	G DATE
TP.	RADEMA	5029098	07/1991	Lavasseur		364	479		
7	B	5285127	01/1994	Mii		364	479		
10	С	6181981	01/2001	Varga et al.		700	236	05/	15/96
	D								
	ш								
	F							OF!	VED
	G						HE.	CEI	VED
	н						00	T 02	2001
	1						Techno	loov C	enter 210
	J							logy of	J1101 210
	К				_				
_	L						<u> </u>		
	М								
			F	OREIGN PATENT DOCUMEN	NTS				
		DOCUMENT NO.	DATE	COUNTRY	(	LASS	SUBCLASS	YES	NO NO
	N								
			, <u>, , , , , , , , , , , , , , , , , , </u>	NON-PATENT DOCUMENTS	s				
			DOCUMENT (Includia	ng Author, Title, Source, and	d Pertinen	t Pages)		D	ATE
TP	0	"Meet the Smart Coke	Machine, " The Sacrar	mento Bee Business Technolo	ogy.			Aug. 3	30, 1995
١	Р	TO A MARKET OF THE PROPERTY OF THE CIPTURE OF THE CONTROL OF THE C							20 1005

		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
TP	0	"Meet the Smart Coke Machine, " The Sacramento Bee Business Technology.	Aug. 30, 1995
1	Р	"Coke Machine Signal when it's Time for a Refill", The Globe & Mail, Toranto, Ontario.	Aug. 30, 1995
	Q	Wireless Communications Forum, CTIA, Vol. III, Number 1.	April 1995
	R	Pate, Kelly, "Skywire Allows Vendor Tracking of Pop Stock and Sales Details", RCR, Vol.14, No. 17	09/04/95
	s	"Skywire Provides Details of Wireless 'VendView' System", Vending Times.	09/94
P	T	"Left high and dry? Sold-out machine sends for cokes", Nashville Banner	08/16/95
	U		

EXAMINER DATE CONSIDERED 12/05/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

•				·	12.5			Page 1 of
PTO	D-144	9		Application No.	Applicant(s)			
				09/899,527	May, et al.			
/	TIPE	rmation Disclos	ure Citation	Docket Number	Group Art	Unit Filing D	ate	
0	,	် jn an Applic	ation	064814.0146	2121	2121 07/05/		
SEP	2 3 2	1002 G		U.S. PATENT DOCUMENT	s			
37,	ADEN	OCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILIN	IG DATE
7	PADEN	5701252	12/23/97	Facchin et al.	364	479	8	/1/94
TP	В	5941363	8/24/99	Partyka et al.	194	217	8/	24/99
	С							
寸	D							
	E							<u> </u>
$\dashv$	F							
	G					PEAR	n ies	
$\dashv$	Н					RECE	IVEL	
$\dashv$	1					SEP 2J	2002	
	J			•		Technology C	enter 21	00
	к					***************************************		
	L							
$\top$	М							
			FO	REIGN PATENT DOCUME	NTS		<u> </u>	
$\Box$		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRAN YES	SLATION NO
TP	N	WO 00/31701	Jun 2, 2000	PCT	G07F	9/02	х	
ī	0	WO 99/23620	Nov 3, 1997	PCT	G07F	9/02	x	
$\prod$	P	WO 99/27465	Jun 3, 1999	PCT	G06F	17/00	×	
	Q	41 40 450 A1	Jun 9, 1993	DE	G07F	9/02		×
<u> </u>		17 10 100711	·	NON-PATENT DOCUMENT				
Т				g Author, Title, Source, an	<del></del>	· - ·		DATE
-0		<u> </u>		g Author, Title, Cource, an			<del> </del>	
TP	R	PCT Search Report PC	CT/US 01/41640				Maile	d 8/21/02
+	 						-	
+	T							
	U		<del></del>		DATE CONCIDE	DED.		
EXA	MINER	Tapl	m		DATE CONSIDER	12/05/03		
		: Initial if citation consider		is in conformance with MPER	§ 609. Draw line throu	gh citation if not in co	nformance	and not
CORS	MEIEU.	miciade copy of this form w	in next communication to	тие аррисана				

					Application No.		Applicant(s)	. =		17%	<u> </u>
PIC	)-1449				09/899,527		James Alan M	av et a	1		CA.
P	-Unfo	rmation Disclosu	re Citation	1	Docket Number		Group Art Un	it	Fines Dat	e CB	
. 0 7	m 5	in an Applica	tion		064814.0146		2121		l. Fines Dat July 5, 2	1684 E	3 200
101	ν. (ζ.			U.S	S. PATENT DOCUMEN	TS				J. C.	nte-
	116	DOCUMENT NO.	DATE		NAME		CLASS	SUB	CLASS	FILIN	G B FP
TAD	A.	3784737	1/8/74		Waehner		178		6		12/73
1	B.	4661862	4/28/87		Thompson		358	:	335	4/	27/84
71	C.	5255819	10/26/93		Peckels		222		1	3/	18/91
	D.	5505349	4/9/96		Peckels		222		641	10	/26/93
$\prod$	E.	5507411	4/16/96		Peckels		222		1	_6	/6/95
	F.	5986219	11/16/96		Carroll et al.		177		1	1/	14/98
TP	G.	5982652	11/9/99		Simonelli et al.		363		142	7/	14/98
				FORE	EIGN PATENT DOCUM	ENTS					
Т		DOCUMENT NO.	DATE		COUNTRY		CLASS	SUB	CLASS	TRAN YES	SLATION NO
TP	Н.	2 755776	5/15/98		FR		G06F	1	7/60	123	X
10	I.	0 999 529	5/10/00	<del></del>	EP		G07F		9/02	х	
	J.									<u> </u>	
	K.		-						-		
			<u> </u>	NO	N-PATENT DOCUMEN	NTS				L	-
			DOCUMENT (	(Including	Author, Title, Source, a	nd Pertin	ent Pages)			D	ATE
TP	L.	International Search Re	port for PCT/U	S99/0598	33	_				Maile	d 8/13/99
1	M.	International Search Re	port PCT/US 0	1/31381						Maile	d 11/7/02
$\top$	N.	International Search Re	port PCT/US01	/15522						Maile	d 5/16/02
	Ο.	Pending U.S. Patent Ap Reduction and Compre	oplication Serial ssion of DEX/U	No. 09/8 ICS Data	353,366, entitled <i>Method</i> filed May 11, 2001 by	d and Sys Defossé	stem for the Option et al. (BB Docke	<i>nal For</i> t No. 0	matting, 132)	5/	11/01
	P.	Pending U.S. Patent Ap	plication Serial	No. 09/8	395,647, entitled <i>Method</i> 9, 2001 by Defossé et al	d and Sys	stem for Interfaci	ng a M			29/01
H	Q.	<del></del>			'at internet <http: td="" www.<=""><td></td><td></td><td></td><td></td><td>1</td><td>d 5/10/00</td></http:>					1	d 5/10/00
1	R.	American Power Conv	ersion Internet A	Article, "I	Lightning Advisor," at i	nternet ,	<a href="http://lightning.">http://lightning.</a>	арсс.со	m>		d 5/10/00
TP	S.				formation," at internet,						d 5/10/00
	T.										
EXA	MINER	- Part	na-	-		DA	TE CONSIDEREI	2/05	107		-
EXA		Initial if citation considered				<u> </u>	Draw line through	citation	if not in con	formance	and not

10-1449					The standard	T	<b></b>			
The first part of the part of	PΊ	ΓO-144 <u></u>	<b>9</b>	•	Application No.	A	splicant(s)			
Information Disclosure Citation  in an Application  Octor Name  Oc		alf				Ja	ames Alan Ma			
U.S. PATENT DOCUMENTS  DOCUMENT NO. DATE NAME CLASS SUBCLASS FILING DAT  A. B. C.		U In:	fermation Disclos	ure Citation	Docket Number		Group Art Unit		Date	
A. B. B. C. C. D. D. C. C. D. D. C. C. C. C. D. D. C. C. C. C. C. D. D. C.		_		ation	064814.0146		2121	5, 2001	· · · · · · · · · · · · · · · · · · ·	
A. B. B. C. C. D. D. C. C. D. D. C. C. C. C. D. D. C. C. C. C. C. D. D. C.		<u></u>			U.S. PATENT DOCUMENT	гs				
A. B. B. C. C. D. D. C. C. D. D. C. C. C. C. D. D. C. C. C. C. C. D. D. C.	19	RADEW	DOCUMENT NO.	DATE	NAME	(	CLASS	SUBCLASS	FILI	NG DATE
C. D. D. E. F. G. F. G. DOCUMENT NO. DATE COUNTRY CLASS SUBCLASS VES NO H. L.									_	-
D. E. F. G. FOREIGN PATENT DOCUMENTS  FOREIGN PATENT DOCUMENTS  DOCUMENT NO. DATE COUNTRY CLASS SUBCLASS TRANSLATIO YES NO H. I. J.		B.								<del>/</del>
E. F. G. FOREIGN PATENT DOCUMENTS    DOCUMENT NO.   DATE   COUNTRY   CLASS   SUBCLASS   TRANSLATIO   YES   NO		C.							-	
FOREIGN PATENT DOCUMENTS  FOREIGN PATENT DOCUMENTS    DOCUMENT NO.   DATE   COUNTRY   CLASS   SUBCLASS   TRANSLATIO YES   NO		D.								
FOREIGN PATENT DOCUMENTS    DOCUMENT NO.   DATE   COUNTRY   CLASS   SUBCLASS   TRANSLATIO YES   NO		E.								
FOREIGN PATENT DOCUMENTS    DOCUMENT NO.   DATE   COUNTRY   CLASS   SUBCLASS   TRANSLATIO   YES   NO		F.								
DOCUMENT NO. DATE COUNTRY CLASS SUBCLASS TRANSLATIO VES NO H.  I. J. J. K.  NON-PATENT DOCUMENTS  DOCUMENT (Including Author, Title, Source, and Pertinent Pages) Mailed 5/12/03 M. N. N. O. P. JUN 1 1 2003 Q. R. S. T.  EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 8 609. Draw line through citation is not formance and see		G.					-			
DOCUMENT NO. DATE COUNTRY CLASS SUBCLASS TRANSLATIO VES NO H.  I. J. J. K.  NON-PATENT DOCUMENTS  DOCUMENT (Including Author, Title, Source, and Pertinent Pages) Mailed 5/12/03 M. N. N. O. P. JUN 1 1 2003 Q. R. S. T.  EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 8 609. Draw line through citation is not formance and see		`		F(	OREIGN PATENT DOCUME	ENTS			_ !	
H.  I.  J.  NON-PATENT DOCUMENTS  DOCUMENT (Including Author, Title, Source, and Pertinent Pages)  Mailed 5/12/03  M.  N.  O.  P.  Q.  Q.  R.  S.  T.  EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 8 609. Draw line through citation if not in conformance and set.	$\overline{}$		DOCUMENT NO.	T			22 A T	CLIDCI ACC		SLATION
I.  J.  K.  NON-PATENT DOCUMENTS  DOCUMENT (Including Author, Title, Source, and Pertinent Pages)  Mailed 5/12/03  M.  N.  O.  P.  JUN 1 1 2003  Q.  R.  S.  T.  EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 8 600. Draw line through citation if not in conformance and selections.		<del>                                     </del>	BOCOME	DATE	COUNTRI		LASS	SUBCLASS		
J. K. NON-PATENT DOCUMENTS    DOCUMENT (Including Author, Title, Source, and Pertinent Pages)   DATE				<del>                                     </del>						
NON-PATENT DOCUMENTS    DOCUMENT (Including Author, Title, Source, and Pertinent Pages)   DATE	$\dashv$	<del> </del>		<del>                                     </del>				<del></del>		
NON-PATENT DOCUMENTS  DOCUMENT (Including Author, Title, Source, and Pertinent Pages)  DATE  Mailed 5/12/03  M.  N.  O.  P.  JUN 1 1 2003  Q.  R.  Technology Center 2100  S.  T.  EXAMINER  DATE CONSIDERED  12/05/03  EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 8 609. Draw line through citation if not in conformance and establishments.	_			-						-
DOCUMENT (Including Author, Title, Source, and Pertinent Pages)  DATE  L International Preliminary Examination Report PCT/US01/31381  M.  N.  O.  P.  JUN 1 1 2003  Q.  R.  S.  T.  EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 8 609. Draw line through citation if not in conformance and set.		K.								<u></u>
Mailed 5/12/03  M.  N.  O.  RECEIVED  P.  JUN 1 1 2003  Q.  R.  S.  T.  EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 8 609. Draw line through citation if not in conformance and set.	$\neg$		T			<del></del>			<del></del>	
International Preliminary Examination Report PCT/US01/31381  M.  N.  O.  P.  JUN 1 1 2003  Q.  R.  Technology Center  To be a superior of the properties of				DOCUMENT (Includ	ling Author, Title, Source, and	d Pertinent I	Pages)		_ D	ATE
M.  N.  O.  RECEIVED  P.  JUN 1 1 2003  Q.  R.  Technology Center 2100  To a serior part of the property of th	1P	L.	International Prelimina	ry Examination Repor	rt PCT/US01/31381					
P.  Q.  R.  S.  T.  EXAMINER  DATE CONSIDERED  12/05/03  EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 8 609. Draw line through citation if not in conformance and not		1		<u> </u>					-	12/03
P.  Q.  R.  Technology Center 2100  Technology Center 2100  To Date Considered    2/05/03		N.								
P.  Q.  R.  Technology Center 2100  Technology Center 2100  To Date Considered    2/05/03		О.					RF	CEIVE	<b>:P</b>	
R.  S.  T.  EXAMINER  DATE CONSIDERED  12/05/03  EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP \$ 609. Draw line through citation if not in conformance and not		P.					11	IN 1 1 20	10 <b>3</b>	
S.  T.  EXAMINER  DATE CONSIDERED  12/65/03  EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP \$ 609. Draw line through citation if not in conformance and not		Q.						Cont	2100	
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP \$ 609. Draw line through citation if not in conformance and not		R.					Techn	'Ology Perm	31/21-	
EXAMINER  DATE CONSIDERED  12/05/03  EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP \$ 609. Draw line through citation if not in conformance and not		S.							+	
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP \$ 609. Draw line through citation if not in conformance and not		T.								
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP \$ 609. Draw line through citation if not in conformance and not	EXA	MINER	-0 h			DATE (	CONSIDERED			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP \$ 609. Draw line through citation if not in conformance and not			Thomas				1	2/05/03	,	
Concidered Include convict this form with next communication to the employed	EXA	MINER:	: Initial if citation considered	d. whether or not citation	is in conformance with MPEP	§ 609. Draw	v line through cita	tion if not in co	nformance	and not